5-102398-5 ACTIVE

AMPMODU

TE Internal #: 5-102398-5

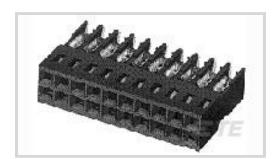
Connector Assembly, Receptacle, Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Black,

Wire & Cable

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: Connector Assembly

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 14

Centerline (Pitch): 2.54 mm [.1 in]

Features

Product Type Features

Applied Pressure	Standard
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	

Number of Positions	14
Number of Rows	2

Electrical Characteristics

Termination Resistance	12 m $Ω$
Dielectric Withstanding Voltage (Max)	750 V
Insulation Resistance	5000 ΜΩ

Body Features

Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin



Termination Method to Wire & Cable Methanical Attachment Mating Retention Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Thermoplastic Housing Firity Configuration Both Finds Closed Centerline (Pitch) 2.54 mm (1 in) Dimensions Compatible Insulation Diameter Range 1.27 mm (05 in) Connector Height 6.1 mm (24 in) Wire Size 26 – 22 AWG Connector Length 17.78 mm [7 in] Row to Row Spacing 2.54 mm (1 in) Usage Conditions Operating Temperature Range -65 – 105 °C (-85 – 221 °F) Operation/Application Circuit Application Circuit Application UL Flammability Rating UL 9/W-0 Compatible With Approved Standards Products Clow Wire Rating Standard Part - Not Clow Wire		
Termination Features Termination Method to Wire & Cable Insulation Displacement (IDC) Mechanical Attachment Mating Retention Without Connector Mounting Type Cable Mount (Free Hanging) Housing Features Housing Material Thermoplastic Housing Entry Configuration Both Ends Closed Centerline (Pitch) 2.54 mm[.1 in] Connector Height Connector Height 6.1 mm[.24 in] Wire Size 26—22 AWG Connector Height 17.78 mm[.7 in] Row-to-Row Spacing 2.54 mm[.1 in] Sage Conditions Operating Temperature Range -65—105 °C[-85—221 °F] Coperation/Application Circuit Application Circuit Application Circuit Application Compatible With Approved Standards Products Glow Wire Rating Standard Part - Not Glow Wire Packaging Features Packaging Method Tray	Contact Type	Socket
Mechanical Attachment Mating Retention Without Connector Mounting Type Cable Mount (Free Hanging) Housing Features Housing Material Themoplastic Housing Litty Configuration Both Ends Closed Centerline (Pitch) 2.54 mm[.1 in] Dimensions Compatible Insulation Diameter Range 1.27 mm[.05 in] Connector Leight 6.1 mm[.24 in] Wire Size Connector Leight 17.78 mm[.7 in] Row-to-Row Spacing 2.54 mm[.1 in] Jaege Conditions Operating Temperature Range 5.54 mm[.1 in] Dimensions Operating Temperature Range 5.55 mm[.7 in] Accordance of Leight 5.55 mm[.7 in] Circuit Application 5.57 mm[.7 in] Circuit Appli	Contact Current Rating (Max)	3 A
Mechanical Attachment Mating Retention Without Connector Mounting Type Cable Mount (Free Hanging) Housing Features Housing Material Thermoplastic Housing Entry Configuration Both Ends Closed Centerline (Pitch) 2.54 mm[.1 in] Dimensions Compatible Insulation Diameter Range 1.27 mm[.05 in] Connector Height 6.1 mm[.24 in] Wire Size 26 – 22 AWG Connector Length 17.78 mm[.7 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature Range -65 – 105 °C[-85 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V 0 Compatible With Approved Standards Products CSA LR7189, UL E28476 Glow Wire Rating Standard Part - Not Glow Wire Packaging Features Packaging Method Tray	Termination Features	
Mating Retention Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Thermoplastic Housing Entry Configuration Both Ends Closed Centerline (Pitch) 2.54 mm.[.1 in] Dimensions Compatible Insulation Diameter Range 1.27 mm.[.05 in] Connector Height 6.1 mm.[.24 in] Wire Size 26 – 22 AWG Connector Length 17.78 mm.[.7 in] Row-to-Row Spacing 2.54 mm.[.1 in] Usage Conditions Operating Temperature Range 65 = 105 °C[85 - 221 °F] Operation/Application Circuit Application Circuit Application Signal UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products CSA LR7189, UL E28476 Glow Wire Rating Standard Part - Not Glow Wire Packaging Features Packaging Method Tray	Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Housing Entry Configuration Both Ends Closed Centerline (Pitch) 2.54 mm[.1 in] Dimensions Compatible Insulation Diameter Range 1.27 mm[.05 in] Connector Height 6.1 mm[.24 in] Wire Size 26 – 22 AWG Connector Length 17.78 mm[.7 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature Range -65 – 105 °C[-85 – 221 °F] Operation/Application Circuit Application Circuit Application Signal UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method Tray	Housing Features	
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Connector Length Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature Range -65 - 105 °C[-85 - 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method 17.78 mm[.7 in] 2.54 mm[.7 in	Connector Height	6.1 mm[.24 in]
Row-to-Row Spacing Usage Conditions Operating Temperature Range -65 – 105 °C[-85 – 221 °F] Operation/Application Circuit Application Signal UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method 2.54 mm[.1 in] Language -65 – 105 °C[-85 – 221 °F] Signal CCFA LR7189, UL E28476 Standard Part - Not Glow Wire	Wire Size	26 – 22 AWG
Operating Temperature Range -65 – 105 °C[-85 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method Tray	Connector Length	17.78 mm[.7 in]
Operating Temperature Range -65 – 105 °C[-85 – 221 °F] Operation/Application Circuit Application Signal UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method -65 – 105 °C[-85 – 221 °F] Signal Circuit Application Signal UL 94V-0 CSA LR7189, UL E28476 Standard Part - Not Glow Wire	Row-to-Row Spacing	2.54 mm[.1 in]
Operation/Application Circuit Application Signal Industry Standards UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method Signal UL 94V-0 CSA LR7189, UL E28476 Standard Part - Not Glow Wire	Usage Conditions	
Circuit Application Industry Standards UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method Signal UL 94V-0 CSA LR7189, UL E28476 Standard Part - Not Glow Wire Tray	Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Industry Standards UL Flammability Rating UL 94V-0 Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method Tray	Operation/Application	
UL Flammability Rating Compatible With Approved Standards Products Glow Wire Rating Packaging Features Packaging Method UL 94V-0 CSA LR7189, UL E28476 Standard Part - Not Glow Wire Tray	Circuit Application	Signal
Compatible With Approved Standards Products Glow Wire Rating Standard Part - Not Glow Wire Packaging Features Packaging Method Tray	Industry Standards	
Glow Wire Rating Packaging Features Packaging Method Tray	UL Flammability Rating	UL 94V-0
Packaging Features Packaging Method Tray	Compatible With Approved Standards Products	CSA LR7189, UL E28476
Packaging Method Tray	Glow Wire Rating	Standard Part - Not Glow Wire
	Packaging Features	
Packaging Quantity 170	Packaging Method	Tray
	Packaging Quantity	170

Product Compliance

For compliance documentation, visit the product page on TE.com>



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

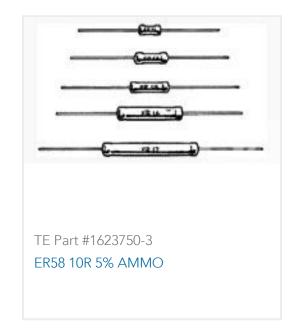
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



Customers Also Bought









Connector Assembly, Receptacle, Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Black, Wire & Cable

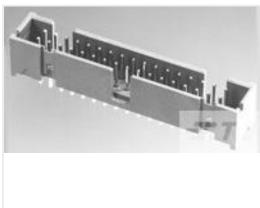
















Documents

Product Drawings

14 AMPMODU MT ASSY DR.100CL SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-102398-5_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-5_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-5_U.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English